

Please amend the specification as follows:

Page 4, line 28, please amend to read as follows: **The published prior art documents the use of a sol-gel material resulting from the.**

Page 11, line 6 please delete: OR' = Methoxy, Ethoxy, Propoxy, Butoxy, or another C₁ to C₈ Alkoxy.

Please amend page 11, line 8 as follows: Z = Alkyl, Substituted Alkyl, Phenyl, Substituted Phenyl.

Please amend page 11, line 11 as follows: R = Methacryloxyalkyl, Acryloxyalkyl, glycidylalkyl Glycidylalkyl.

Page 11, line 15 please delete: OR' = Methoxy, Ethoxy, Propoxy, Butoxy, or another C₁ to C₈ Alkoxy.

Please amend page 11, line 16 as follows: X, U, Y = Si, Ge, Ti or Sn.

Page 11, please amend the last sentence, which is now at lines 20-23, to read as follows: **The SOG material of the present invention is preferably produced from an alkyl substituted trialkoxysilane or a dialkyl substituted dialkoxysilane, wherein the alkyl group has 1 to 8 methyl group, represented by the formula:**

At page 12, please amend the first sentence of the paragraph beginning at line 12 to read as follows: **A process is provided for producing the subject sol-gel spin-on glass (SOG) material of the present invention by: reacting an alkyl substituted trialkoxysilane or a dialkyl substituted dialkoxysilane with a silane diol. Said alkyl group has from 1 to 8 carbon atoms.**

At page 13, line 1, please delete the comma before the word "or".